

FF 6100-TR

POCKETWELT AUTOMAT



PERFORMANCE

2200 - 2400 pieces / 8 hours

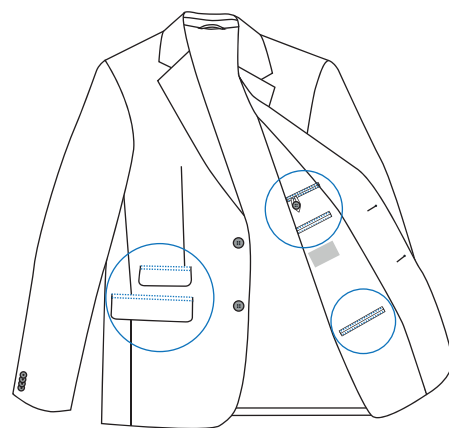
275 - 300 pieces / 1 hour



The FF 6100 TR Lockstitch Pocketwelding Machine is for all types of welted pockets in all segments of the garments industry. The unit allows an efficient and flexible stitching of straight flap pockets and inside pockets for the production of men's and lady's jackets, coats, blazers, anoraks, trousers, jeans and chinos at a maximum quality level. It can sew at speeds up to 3,000 spm and is equipped with Windows based color graphic touch screen which makes it very easy for the operator to adjust the machine for perfect pocketwelts on every type of pocket welding operation.

TECHNICAL SPECIFICATIONS

- Brother Model C series needle transport lock-stitch sewing head
- Beijer Electronics with Windows Based Color Touch Screen Panel
- Easy to use Graphics on the Operator Panel with 50 Programming and Cycle Operation
- PLC Control Unit
- Panasonic AC Servo Motor & Driver Controlled Clamp Unit
- Efka 550 W Mini Stop DC motor or Optional: Direct Drive DC Servo Sewing Motor
- Linear Motor Controlled Center Knife System
- Laser Photocell System Measuring the Size of the Pockets flaps and sewing accordingly
- Four Laser Reference Lines for stitch control at Front-Middle& Rear
- Pocket Welt length sizes from 20 mm to 210 mm
- Step Motor Controlled Moving Corner Knife System (0,1 mm micro adjustment)
- Corner Knives and Connection Unit providing 3 Dimensional Adjustments
- Programmable start and end back-tack or optionally adjustable stitch condensing
- Double welt folders come standard
- Quick change system for quick replacement between single & double welt
- Clamp holder for Pocket Flap and Pocket Bag on Right or Left
- Tilt Back Sewing Head allows easy maintenance.
- Swing out folding front group for easy access in case of re-threading and bobbin changes.
- Automatic thread Cutting System in the Beginning and End of the Seam
- Upper Thread Monitor and Bottom Thread Monitor
- Micro Adjustment Unit for Right-Left Gramer
- Needle bites sizes are available as 10 mm, 12 mm, 14 mm, 16 mm, 18 mm, 20 mm
*the needle bite size must be specified at time of order!



OPTIONS

- Automatic tape feeder
- Vacuum Motor (220 AC or 380 AC) and Connection Unit
- Direct Connection Unit to Central Vacuum System
- Universal Stacker Unit
- Roll-off device for small Pieces
- Fabric stretching bar
- Sandwich Clamp Connection Unit
- Single welt folder
- Needle bite size: 6 mm, 8mm & 22 mm, 24 mm, 26 mm

TECHNICAL DETAILS

Max. Sewing Speed : 3.000 r.p.m
 Max. Stitch Length : 0,5 or 3 mm
 Stitch type : 301 (Lockstitch)
 Needle Distances : 10 - 20 mm Standart
 6 -8 mm / 22 - 26 mm Optional
 Connection Voltage: AC 230 V, 50/60 Hz
 Air Pressure : 6 bar

DIMENSIONS

L: 140 cm / W: 80 cm / H: 120 cm
 Packing Size : 164 cm x 94 cm x 145 cm
 Machine Net Weight : approx. 200 kg
 Machine Gross Weight : approx. 240 kg

